

IN THE CLAIMS:

Claim 1 (currently amended): A bonding data setting device for setting operating parameters of a bonding tool [[in]] of a wire bonding apparatus, said bonding data setting device comprising:

- an image drawing means which draws a wire loop shape on a screen;
- a handle display means which displays an editing handle on said screen;
- a manipulating input means which is used to manipulate a position of said editing handle displayed on said screen;
- a redrawing means which is used to redraw said displayed wire loop shape in a position that conforms to a movement of said editing handle;
- a parameter calculating means which calculates values of operating parameters that correspond to said wire loop shape that is drawn or redrawn on said screen; and
- a parameter value display means which displays calculated values of said operating parameters on said screen.

Claim 2 (original): The bonding data setting device according to Claim 1, further comprising:

- a loop shape display means which displays a plurality of different types of shape of said wire loops on said screen; and
- a selective input means which selects and inputs one of displayed plurality of different types of shape of said wire loops.

Claim 3 (original): The bonding data setting device according to Claim 1 or 2, further comprising:

- a judgment means which judges whether or not a manipulated input value of said position of said editing handle that has been inputted by said manipulating input means is within a specified permissible range; and
- an out-of-range output means which outputs a specified out-of-range output in cases where said manipulated input value is outside said permissible range.

Claim 4 (original): The bonding data setting device according to Claim 3, wherein said out-of-range output is an alteration of a display method of a redrawn image redrawn by said redrawing means.

Claim 5 (original): The bonding data setting device according to Claim 3, wherein said out-of-range output is a warning.

Claim 6 (original): The bonding data setting device according to Claim 1 or 2, wherein a parameter value input means that inputs values of said operating parameters is further provided; and
said redrawing means redraws a shape of said wire loop based upon inputted parameter values.

Claim 7 (original): The bonding data setting device according to Claim 3, wherein a parameter value input means that inputs values of said operating parameters is further provided, and
said redrawing means redraws a shape of said wire loop based upon inputted parameter values.

Claim 8 (original): The bonding data setting device according to Claim 4, wherein a parameter value input means that inputs values of said operating parameters is further provided; and
said redrawing means redraws said shape of said wire loop based upon inputted parameter values.

Claim 9 (original): The bonding data setting device according to Claim 5, wherein a parameter value input means that inputs values of said operating parameters is further provided; and
said redrawing means redraws a shape of said wire loop based upon inputted parameter values.

Claim 10 (currently amended): A bonding data setting method for setting operating parameters of a bonding tool [[in]] of a wire bonding apparatus, said bonding data setting method comprising the steps of:

- drawing a wire loop shape on a screen;
- displaying an editing handle on said screen;
- acquiring a manipulated input of a position of said editing handle displayed on said screen;
- redrawing said displayed wire loop shape in a position that conforms to a movement of said editing handle;

calculating values of operating parameters that correspond to said wire loop shape
that is drawn or redrawn on said screen; and

displaying calculated values of said operating parameters on said screen.